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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : 10/501,936 **10/501936**  
 Applicant : Paul Smith et al.  
 Filed : July 21, 2004  
 Tech Cntr/AU : (unassigned)  
 Examiner : (unassigned)  
 Entitled : Sintering Ultrahigh Molecular Weight Polyethylene  
 Attorney Reference : 121939-04298105  
 Customer Number : 43569

**MAIL STOP PCT**

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Pursuant to 37 C.F.R. §1.98, copies of the cited documents are attached hereto for the Examiner's consideration.

Applicants hereby respectfully request that the accompanying Information Disclosure Statement be considered and made of record in the above-identified Application. The Examiner is further respectfully requested to return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column.


This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of the first Office Action on the merits in the present application. No certification or fees are believed necessary; however, should any fees be necessary, please charge any deficient fees, or credit any overpayments, to Deposit Account No. 503-121.

It is respectfully requested that this information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The examination and allowance of this Application is respectfully requested.

Respectfully Submitted,

MAYER BROWN ROWE & MAW LLP

By:   
Paul L. Sharer  
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Date: February 9, 2005

Atty.  
Dkt. No.

M#

Client Ref.

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PE-Sintering/US

**INFORMATION DISCLOSURE STATEMENT  
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Page

1

of

2

Examiner: (unassigned)

Group Art Unit: (unassigned)

**U.S. PATENT DOCUMENTS**

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR	5,414,049	5/9/95	Sun et al.			
	BR	5,543,471	8/6/96	Sun et al.			
	CR	5,449,745	9/12/95	Sun et al.			
	DR	5,650,485	7/22/97	Sun et al.			
	ER	5,728,748	3/17/98	Sun et al.			
	FR	5,824,411	10/20/98	Shalaby et al.			
	GR	5,834,113	11/10/98	Shalaby et al.			
	HR	6,168,626	1/2/01	Hyon et al.			
	IR	6,281,264	8/28/01	Salovey et al.			
	JR	5,577,368	11/26/96	Hamilton et al.			
	KR	5,879,400	3/9/99	Merrill et al.			
	LR	6,228,900	8/5/01	Shen et al.			
	MR	6,017,975	1/25/00	Saum et al.			
	NR	6,800,670	10/5/04	Shen et al.			

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country	Inventor Name		English Abstract		Translation Readily Available	
							Enclosed	No	Enclosed	No
	OR	0 701 453	9/16/98	Europe	Sun et al.					
	PR	0 847 765	9/6/00	Europe	Sun et al.					
	QR	1 005 872	6/7/00	Europe	Sun et al.					
	RR	WO95/06148	3/2/95	International	Shalaby et al.					
	SR	WO95/21212	8/10/95	International	Farrar					
	TR	0 729 981	3/20/02	Europe	Hyon et al.					
	UR	0 722 973	12/17/03	Europe	Salovey et al.					
	VR	0 731 481	9/8/04	Europe	Hamilton et al.					
	WR	WO97/29793	8/21/97	International	Merrill et al.					
	XR	WO98/01085	1/15/98	International	Shen et al.					

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

	YR				
	ZR				
	AAR				
	BBR				
	CCR				
	DDR				

Examiner

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Page

2

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2

Examiner: (unassigned)

Group Art Unit: (unassigned)

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR 5,834,393	11/10/98	Jacobsen et al.			
	BR 6,506,866	1/14/03	Jacobsen et al.			
	CR 5,621,070	4/15/97	Howard Jr.			
	DR 5,721,334	2/24/98	Burstein et al.			
	ER 4,587,163	5/6/86	Zachariades			
	FR 5,037,928	8/6/91	Li et al.			
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date MM/YYYY	Country	Inventor Name		English Abstract		Translation Readily Available	
						Enclosed	No	Enclosed	No
	OR WO98/14223	4/9/98	International	Saum et al.					
	PR WO98/16258	4/23/98	International	McKellop et al.					
	QR WO01/05337	1/25/01	International	Harris et al.					
	RR 1 072 274	1/31/01	Europe	Hamilton et al.					
	SR 1 072 275	1/31/01	Europe	Rohr					
	TR 1 086 709	3/28/001	Europe	Krebs et al.					
	UR								
	VR								
	WR								
	XR								

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

	YR	Lada Corbeij-Kurelec; "Chain Mobility in Polymer Systems; On the Borderline between Solid and Melt"; Eindhoven; Technische Universiteit Eindhoven, 2001; Chapter 3.			
	ZR				
	AAR				
	BBR				

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